

Abstract

A tapered roller bearing according to the present invention, in which the rolling surface of a tapered roller and raceway surfaces of internal and outer rings undergoes crowning. The total crowning amount of that crowning and the crowning amount of each raceway surface and rolling surface are set to preferred values. This allows reduction of the rolling friction of the internal and outer rings and the tapered roller, and the rotation torque of the tapered roller bearing according to the present invention.